



# MEDIABRIDGE

MULTIMEDIA INTEGRATION KIT

for select Toyota/Lexus/Scion vehicles using USB emulation

## Installation Guide/User manual



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## Warning and safety!

Please read these instructions carefully before proceeding. Failure to follow instructions may result in improper operation or injury. Neither Audiovox Electronics Corporation nor Apple Inc., its regional offices, distributors or resellers take any responsibility for any damage or injury as a result of using the integration kit.

- Do not open, disassemble or alter the interface in any way.
- Do not insert anything into the casing.
- Do not cut or try to alter cables in any way and always use the correct connections.
- Only operate unit when stationary or ask passengers to operate it for you.
- Do not allow the Apple iPod/iPhone to distract you from driving.
- Exercise good judgement and keep your eyes on the road at all times.
- Do not expose unit to extreme temperatures, humidity or shock.
- Keep the unit and iPod/iPhone away from fluids.
- Keep away from children! - Interface components may contain small parts, can be broken or disassembled and components may become loose from vibration and heat. Small components and packaging materials may be a choking hazard when handled by children.



## Congratulations on your purchase!

Thank you for purchasing this integration kit. Please review this booklet before operating the unit. This interface was designed and manufactured to seamlessly integrate with your vehicle's factory audio system.

## Product registration

We recommend registering your Audiovox product so you can receive news about important firmware updates and have unlimited access to our online support system.

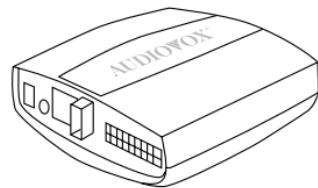
### To register your Audiovox product, please complete the following steps:

1. Visit <http://www.audiovoxproducts.com>
2. Look up and save the serial number of the product.
3. Complete the product registration form.
4. Submit the form.
5. Save the registration sheet in a safe place for future reference.

If you are unable to complete the registration via internet, please call Audiovox at 1-800-645-4994.



Prior to installation make sure the module's firmware is up to date to ensure compatibility with the latest features and enhancements. Please refer to page 21 to update firmware.

**MediaBridge kit contents**

MediaBridge module



Users Manual



Vehicle BUS Connector

## **Supported iPod models and firmware version requirements**

Model	Firmware / OS Version
1G nano	1.3.1
iPod 5G	1.3
2G nano	1.1.3
iPod classic	1.1.2
3G nano	1.1.3
iPod touch	iOS 3.1.3
iPhone	iOS 3.1.3
iPhone 3G	iOS 4.2.1
4G nano	1.0.4
120 GB classic	2.0.1
2G touch	iOS 5
iPhone 3GS	iOS 5

Model	Firmware / OS Version
160 GB classic	2.0.4
5G nano	1.0.2
3G touch	iOS 5
iPhone 4	iOS 5
iPhone 4S	iOS 5
4G touch	iOS 5
6G nano	1.2

**Attention installer! Please read the following!**

**Audiovox strongly recommends that the unit be installed in an easily accessible place!**

**DO NOT PLACE IT BEHIND THE RADIO AND DO NOT HIDE UNDER CARPET!**

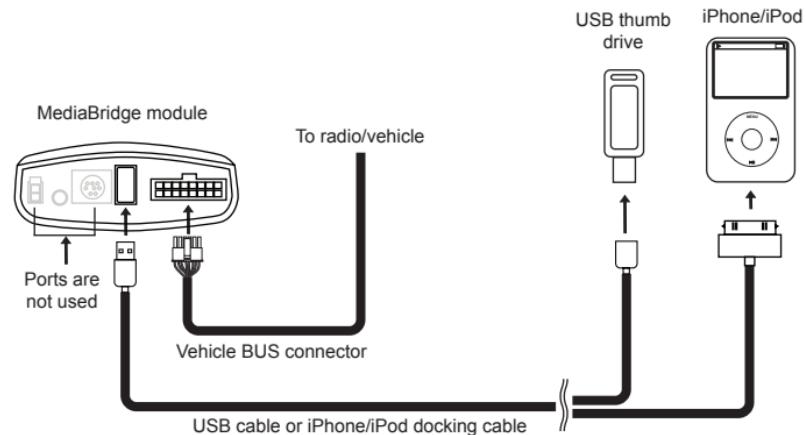
Whether the unit is professionally or self installed, put the module where you, the end user can get to it easily in the future. (Have the installer show you where the interface module is installed.)

Installing the module behind the radio will make it difficult to:

- Add possible future upgrades, changing software, adding new features, improving operation;
- Remove the unit in case of failure.

**MAKE SURE THAT THE MODULE IS IN AN ACCESSIBLE PLACE!**

## Connection diagram



## Installation

1. Verify compatibility
2. Disconnect battery



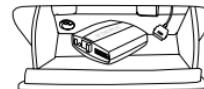
3. Remove radio from car



4. Install vehicle interface harness



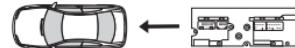
5. Route kit to glove box or other accessible location



6. Connect battery & test



7. Complete install by re-installing radio



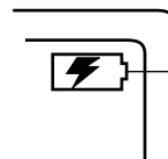
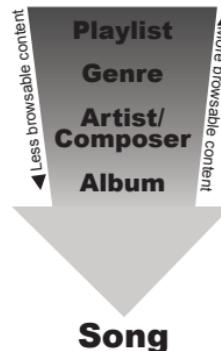
Some radios will enter an anti-theft security mode and will lock requiring the radio's security code to be entered to unlock it. This code can be requested from the vehicle's dealership.

## iPod content browsing

By default, the MediaBridge creates a Playlist named after the name of the iPod. This Playlist contains all the songs on the iPod and is the very first item on the list of Playlists shown while browsing the list of Playlists. Browsing through Genres works the same as browsing through Playlists except the content is organized according to Genre. Once a Playlist/Genre is selected an Artist/Composer may be selected within a Playlist/Genre using the Artist/Composer list. Albums by the selected Artist/Composer within the selected Playlist/Genre may be selected in the Album list. The list item named "ALL" designates all available content within a list according to the selected category.

## Charging

The interface automatically charges the battery of the iPod when connected and your vehicle ignition key is in the ACC/ON position.



Charging may be shown by an icon that appears on the upper right corner of the iPod screen. May vary by model.

## Selecting the MediaBridge to playback audio

### Accessing the MediaBridge as the audio source:

Much like the radio's AM/FM tuner, satellite radio or CD audio sources, the MediaBridge is integrated to be part of the vehicle's audio system. To access the MediaBridge source, press the AUX button on the radio.

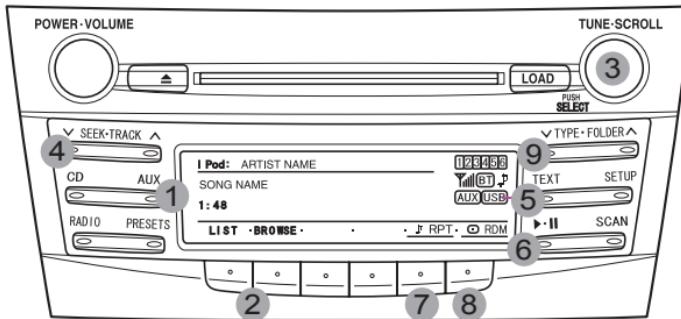
### Listening to iPhone/iPod or USB memory device:

The MediaBridge allows connection of iPod/iPhone or USB memory devices. Connected devices will automatically be detected.



The MediaBridge can only be accessed if an iPhone/iPod or USB drive is connected.

## Operating the MediaBridge on Non-navigation audio systems - Basic controls



\*Note that Track up/down can be invoked using the knob.

- ① Press to select MediaBridge
- ② Selector buttons - press to enter: List Mode or Browse by song/playlist/genre/ artist/composer/album/podcast/audiobook modes
- ③ Selector knob - rotate to select song/ playlist/genre/artist/composer/album/ podcast/audiobook modes
- ④ Track Up/Down\*
- ⑤ Display alternate song text information
- ⑥ Play/Pause
- ⑦ Repeat
- ⑧ Random
- ⑨ Next/Previous folder (USB memory)

## Operating the MediaBridge on non-navigation audio systems - Select a list browsing mode

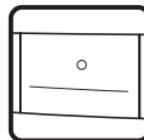
**Browse Mode:** Press the selector button which corresponds to "BROWSE", then press the selector button which corresponds to the desired browsing mode. Available browsing modes are: PLAYLIST, ARTIST, ALBUM, GENRE, SONGS, PODCAST, COMPOSER and AUDIOBOOK. The browsing hierarchy applies.



Rotate to browse items in selected list



Press to select item in list



Press "MORE" to display the next item in the hierarchy.



Repeat process until song is selected

**List Mode:** Press the selector button which corresponds to either "LIST", then push the tune knob to select an item from the list.

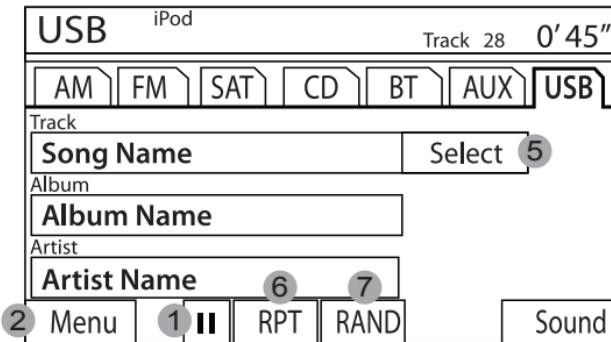


Rotate to select desired song

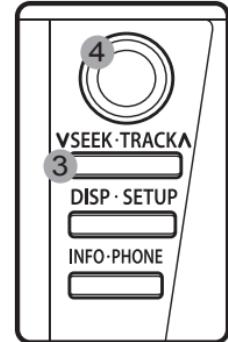


Press to return the screen from list display to the previous screen

## Operating the MediaBridge on navigation audio systems - Basic controls



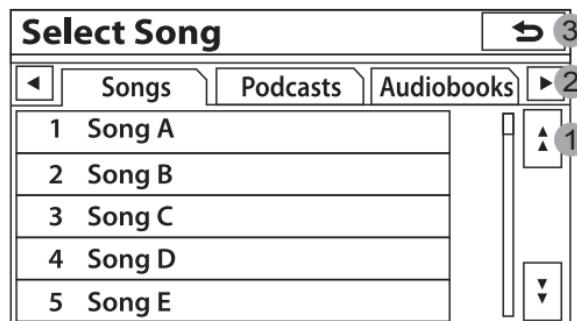
- ① Press to Play/Pause currently playing track
- ② Press to go to Genre, Composer, Song, Podcast, Audio-book, Artist play mode (iPod/iPhone only)
- ③ Press for Next/Previous track



- ④ Rotate for Next/Previous track and browsing through list items
- ⑤ Press to display Songs in list format
- ⑥ Repeat
- ⑦ Random

## **Operating the MediaBridge on Navigation audio systems - Selecting a browse mode**

**Browse Mode:** Press “MENU” on the playback screen and the various browse modes will appear on a new screen. Scroll up/down with the up/down arrows to view more of the list. Press the button to go back to a previous screen. **Browse modes are not available for USB memory devices.**



- ① Scroll up/down
- ② Show additional browse modes
- ③ Return to previous screen

## Internet Radio Application support (iPhone/iPod touch)

This kit includes support for internet radio streaming apps available on the iTunes® Store. Thousands of stations can be streamed through data connections. Supported apps include Livio Car Internet Radio, Pandora, iHeart Radio and more. Supported features such as text display on screen, and next/previous track functions will vary by app.

To learn more about each app specifically, please visit the website for the app you need information about.



## Data connection requirements (3G/4G/WiFi)

Users must have an active wireless data connection in order to stream music from an app while in the car. Data connections including “3G” or “4G” through wireless carriers, or a third party wireless Internet access point connected to your mobile device through WiFi will work. Because this app requires a data connection, it will only work on connected devices such as the iPhone and iPod touch.

## Controlling Internet Radio Apps

NOTE: The following features may not be supported by all apps. For demonstration purposes the following examples will show the features for the Livio Car Internet Radio app.

The app must be active on the screen of the device. To do so, simply tap the app's icon and it will load.

**Next/previous TRACK buttons** execute application specific features such as skipping stream or cycling between station presets.

iPhone operating system iOS5 enabled application developers to share the "now playing" screen information. For example, when using the Pandora App, you will see artist, album and song information on the radio's screen. When using an application that doesn't implement this feature, or running iOS4, only the name of the application will be shown.

Please note that although iOS 4 (4.2.1) is supported on iPhone 3G and iTouch 2nd generation, applications do not run in the background. As such, loading the app takes longer than on devices where the app is present in the background.



If your listening experience is interrupted by a call, under most conditions, the app will resume playback at the end of the call. In other cases to get from an app back to iPod playback, use the 'Browse' button on non-nav or 'Menu' on nav radio. It shows all the iPod artists/albums/songs/etc (exactly the same as if you were playing the iPod), and making a selection will start playing it.

**NOTE:** When an app is running, do not try to use the 'List' button (on non-nav) / 'Select' button (on nav). Trying to change tracks in that menu may make the controls and text display malfunction.

## **Text display from the Internet Radio App**

Text that scrolls across the radio's screen is associated with the stream shown on the radio and displays current song or station information. Stream must be playing before information on the display is updated.

## Terminate (kill) the App

If you need to terminate (kill) the app please follow the steps below:

1. Double-tap on the home button of the iPhone to bring up the list of running apps. If you don't see the app's icon right away, swipe the screen left or right to locate it. Note: If you do not see such task bar but rather a music control popup then you have an iOS device that does not support background run of apps, therefore this section is not applicable to you.
2. Press and hold the icon of the app until a red minus icon shows.
3. Tap the red minus icon shown on top of the app.
4. This will close the app.
5. In a few seconds, the iPod music playback app should reinitialize itself and become active again. This can be verified by going back to the list of running apps and swiping the screen until the music control section is shown. The iPod app icon next to the music control sections shows that iPod is your audio source.

## Internet Radio App settings

Many radio stations offer lower bitrates. Selecting streams with a lower bitrate will reduce data usage and may reduce stream interruptions during the drive. For example with the Livio Car Internet Radio app, to adjust bitrates manually, users can: Go to the Setting menu of the device, select the Livio Radio settings the change the Maximum Bitrate Filter and set it to 64K. Other settings such as Buffer time and Reliability filter may also help in getting a more stable connection.

## Updating firmware (Mac OS illustrated)



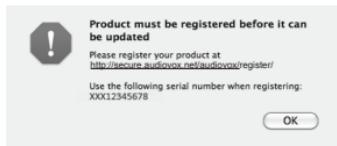
Connect module via mini USB



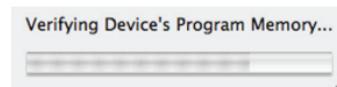
Device specifications and update selection



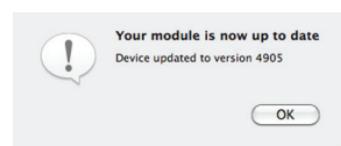
License Agreement (click Agree to proceed)



Product registration notification



Firmware update progress



Module updated successfully!

*The above screen shots are for illustration purposes only.*

## Troubleshooting

<b>Problem</b>	<b>Solution</b>
<b>iPod does not charge.</b>	Check all connections. See if iPod charges while connected to computer or wall charger. You may need to reset the iPod.
<b>Music is distorted or sound level is too low with iPod connected.</b>	Make sure all EQ and BASS boost options are turned off on your iPod.
<b>Why is the interface not controlling the iPod/USB drive?</b>	Please make sure that the USB connection is not loose. Make sure that an iPod case is not preventing the dock connector from being fully seated. Disconnect and reconnect the device. If iPod is not responding please try resetting it. USB device must also be FAT16/32 format and contain supported MP3, WMA or AAC content.
<b>What size of USB flash drive should I use?</b>	Large capacities are supported, however up to 4GB is recommended for optimal user experience.

<b>Problem</b>	<b>Solution</b>
<b>No audio from iPod source.</b>	First try pressing next Track, if that does not solve the issue reset the iPod. Verify proper connection to iPod/interface. Check for compatibility. Older iPod models don't support USB audio.
<b>Cannot select the interface.</b>	Either the iPhone/iPod or USB memory device must be connected before the MediaBridge can be accessed.
<b>Radio/ steering wheel controls do not operate iPod.</b>	Reset iPod and make sure the most recent iPod firmware is installed. Check vehicle user manual on how steering wheel controls work, long presses may toggle alternate function.
<b>USB stick is plugged into MediaBridge but the MediaBridge audio source cannot be entered on the radio.</b>	Make sure the USB connection is not loose. On some radios, the MediaBridge audio source isn't selectable until the entire USB drive has been scanned. Ensure your USB stick has playable content that isn't too deep in its file system. The Media Bridge unit will recognize the first 8 levels of folders, with up to 200 accessible folders within each folder. Only the first 1000 files will be read in each folder, the rest will be ignored. USB device must also be FAT16/32 format and contain supported MP3, WMA or AAC content.

**AUDIOVOX****12 MONTH LIMITED WARRANTY**

AUDIOVOX ELECTRONICS CORP. (the Company) warrants to the original retail purchaser of this product that should this product or any part thereof, under normal use and conditions, be proven defective in material or workmanship within 12 months from the date of original purchase, such defect(s) will be repaired or replaced with reconditioned product (at the Company's option) without charge for parts and repair labor. A game controller, if supplied, is similarly warranted for ninety (90) days.

To obtain repair or replacement within the terms of this Warranty, the product is to be delivered with proof of warranty coverage (e.g. dated bill of sale), specification of defect(s), transportation prepaid, to the Company at the address shown below.

This Warranty does not extend to the elimination of externally generated static or noise, to correction of antenna problems, to costs incurred for installation, removal or reinstallation of the product, or to damage to digital memory/media devices, gaming devices, discs, speakers, accessories, or vehicle electrical systems.

This Warranty does not apply to any product or part thereof which, in the opinion of the Company, has suffered or been damaged through alteration, improper installation, mishandling, misuse, neglect, accident, or by removal or defacement of the factory serial number/bar code label(s). THE EXTENT OF THE COMPANY'S LIABILITY UNDER THIS WARRANTY IS LIMITED TO THE REPAIR OR REPLACEMENT PROVIDED ABOVE AND, IN NO EVENT, SHALL THE COMPANY'S LIABILITY EXCEED THE PURCHASE PRICE PAID BY PURCHASER FOR THE PRODUCT.

This Warranty is in lieu of all other express warranties or liabilities. ANY IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY, SHALL BE LIMITED TO THE DURATION OF THIS WRITTEN WARRANTY. ANY ACTION FOR BREACH OF ANY WARRANTY HEREUNDER INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY MUST BE BROUGHT WITHIN A PERIOD OF 24 MONTHS FROM DATE OF ORIGINAL PURCHASE. IN NO CASE SHALL THE COMPANY BE LIABLE FOR ANY CONSEQUENTIAL OR INCIDENTAL DAMAGES FOR BREACH OF THIS OR ANY OTHER WARRANTY. No person or representative is authorized to assume for the Company any liability other than expressed herein in connection with the sale of this product.

Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damage so the above limitations or exclusions may not apply to you. This Warranty gives you specific legal rights and you may also have other rights which vary from state to state.

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128-9032

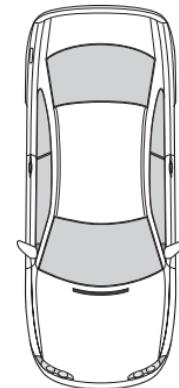
**Installation notes:**

Installed by:

Installed date:

Other notes:

Illustration:







Toyota/Lexus/Scion compatible integration for iPhone and USB.  
[www.audiovoxproducts.com](http://www.audiovoxproducts.com)

OMA-MBR-1100-TOY(USB)-032812



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